Life Cycle LCMI Modeling Integrator

RECONCILIATION SUMMARY PROJECT

- Situation: LCMI highlights discrepancies found in both active and historical data that effect analysis and readiness rates. These inaccuracies have been accumulating with no standard method in place to monitor, notify or correct.

- Opportunity1: Develop an automated notification process to alert stakeholders of suspect reporting in active data.

- Opportunity2: Develop procedures to correct historical data to known standards and standardizing like historical data that cannot be corrected, thereby, improving its reliability

Life Cycle LCMI Modeling Integrator

RECONCILIATION SUMMARY PROJECT

How does this happen?

How do we fix it?

DESCRIPTION	COMMODITY	AUTH	POSS	EXCESS	D/L	S	R	MR
Communications and Electronics	A	1483	1474	-9	77	99%	95%	94%
Engineering	B	898	882	-16	113	98%	87%	86%
Motor Transport Vehicles	D	975	959	-16	148	98%	85%	83%

ID-SASSY-1

Sassy LUAF/MARES LM2 Differences for 3RD MAW (M00300) and Communications and Electronics (A)

SASSY Allowance Quantity	1894		
SASSY Special Allowance	-644		
SASSY Total Allowance	1250	LM2 Authorized	1483
SASSY On-Hand Quantity	1293	LM2 Possessed	1474

LM2 Deadline Readiness Report for

MEF = I MEF Camp Pendleton- CA (1)
COMMODITY = Communications and Electronics (A)

As Of: Thu, Oct 30 2003

Displaying 449 of the 450 reported (LM2) deadline records

View Discrepancies

ANLZ-DL-DIFF-1

LM2 Deadline Discrepancies Report for

MEF = I MEF Camp Pendleton- CA (1)
COMMODITY = Communications and Electronics (A)

VIEW DEADLINE PAGE

As Of: 10/30/2003

MEF Code	Pace Item	TAMCN	ID	Nomenclature	WSDC	Serial Number	UIC	Date Dead Lined	Status Date	Status Type	Days in Status	Echelon of Maint	Present Holder	ERO
1	NO	A2079	9669C	Radio Set, Manpack, AN/PRC-119F	6YM	13160040	M13160	03269	03275	NMCS	32	2	M13160	PTV33
1	NO	A2079	9669C	Radio Set, Manpack, AN/PRC-119F	6YM	0	M13160	03293	03293	Multiple records reported with different serial numbers under this ERO				PTV33

Oracle 9i/10g AS
LCMI Data Repository (Legacy Systems)

Pace Item	TAMCN	ID	Nomenclature	WSDC	Serial Number	UIC	Date Dead Lined	Status Date	Status Type	Days in Status	Echelon of Maint	Present Holder	ERO
NO	A0011	0165A	Fire Support Command & Control System (FSCCS), AN/UYK-102 (V) 1	2TM	0222	M11330	01353	02267	NMCM	405	3	M11303	LV113
NO	A2079	9669C	Radio Set, Manpack, AN/PRC-119F	6YM	0143003E	M34014	02324	03302	NMCM	5	2	M34014	H6K73
NO	A2079	9669C	Radio Set, Manpack,	6YM	35100004	M35100	03268	03276	NMCS	31	2	M35100	OBI62

ANLZ-DIFF-1

MARES / MIMMS Differences Report for

TAMCN = A2070
Serial Number = 0143013A
ERO = H6H98

As Of: Thu, Oct 30 2003

MARES DATA VALUES

TAMCN	ID	Nomenclature	Serial Number	UIC	Date Dead Lined	Echelon of Maint	Present Holder	ERO
A2070	9669A	Radio Set, Manpack, AN/PRC-119A	0143013A	M34014	03120	2	M34014	H6H98

MIMMS DATA VALUES

TAMCN	ID	Nomenclature	Serial Number	UIC	DCD	Echelon of Maint	Present Holder	ERO
A2070	09669A	AN/PRC-119A	350143013A	M34014	3120	2	M34014	H6H98

RECONCILIATION SUMMARY PROJECT
Historical Data ~ How does this happen?

```
select serial_number_2,
       regional_activity_code,
       date_received_in_shop,
       tam_control_number,
       item_designator_number,
       echelon_of_maint,
       owner_unit_address_code,
       nsn_in_maintenance,
       maint_category_code,
       quantity_inducted,
       date_closed
  from ldrdba.ldr_mimms_hist_eros
 where ldr_mimms_hist_eros.tam_control_number = 'D1158'
       and ldr_mimms_hist_eros.serial_number_2 IN ('9', '99', '999', '9999', '99999', '999999', '9999999')
order by serial_number_2
```

SERIAL #	RAC	DRIS	TAMCN	ID No.	ECH	OWNER_ UAC	NSN_IN_MAINT	Cat Code	Qty	DATE CLOSED
9	MIM001	98279	D1158	08770A	2	11303	2320011077155	N	1	98279
9	MIM001	01178	D1158	08770A	2	34014	2320011077155	N	1	01199
9	MIM007	04309	D1158	08770A	2	94111	2320011077155	N	1	04313
99	MIM003	99307	D1158	08770A	2	13180	2320011077155	X	1	99307
999	MIM007	05032	D1158	08770D	2	94203	2320014559593	M	1	05040
9999	MIM004	04077	D1158	08770A	2	14220	2320011077155	N	1	04091
99999	MIM003	99040	D1158	08770A	2	69011	2320011077155	X	1	99040
999999	MIM003	01290	D1158	08770A	2	13120	2320011077155	N	1	01323
999999	MIM002	99263	D1158	08770A	2	20361	2320011077155	N	1	99263
999999	MIM002	99263	D1158	08770A	2	20361	2320011077155	N	1	99263
999999	MIM002	99168	D1158	{	2	27126	5935011076658	N	1	99232
999999	MIM002	99168	D1158	{	2	27126	5935011076658	N	1	99232
9999999	MIM002	95033	D1158	08770A	1	12320	2320011077155	S	1	95038

RECONCILIATION SUMMARY PROJECT

Historical Data ~ How does this happen?

```
select equip_repair_order_num,
       regional_activity_code,
       date_received_in_shop,
       item_designator_number,
       tam_control_number,
       serial_number_2,
       nsn_in_maintenance,
       owner_unit_address_code,
       echelon_of_maint,
       maint_category_code,
       deadline_control_date,
       date_closed,
       quantity_inducted
  from ldrdba.ldr_mimms_hist_eros
 where ldr_mimms_hist_eros.tam_control_number ='D1158'
       AND ldr_mimms_hist_eros.date_closed =00000
order by serial_number_2
```

ERO	RAC	DRIS	ID NO	TAMCN	SERIAL #	NSN	OWNER	ECH	CatCode	DCD	DATE_CLOSED	QTY
PG113	MIM001	5207	08770A	D1158	0	2320011077155	11310	2	N	0000	00000	1
V7489	MIM001	3016	08770D	D1158	000000	2320014559593	94500	2	M	3016	00000	1
ADX38	MIM002	5168	08770D	D1158	000000	2320014559593	12170	2	N	0000	00000	1
WAB74	MIM003	5207	08770D	D1158	000000	2320014559593	13101	2	N	0000	00000	1
V7489	MIM007	3016	08770D	D1158	000000	2320014559593	94500	2	M	3016	00000	1
DSM01	MIM001	3016	08771A	D1158	000000001	2320011077156	94418	3	M	3016	00000	1
AN756	MIM003	5138	08770D	D1158	0000000D	2320014559593	21800	2	N	0000	00000	1
PMS30	MIM001	5223	08771A	D1158	0001	2320011077156	11330	1	S	0000	00000	1
PMS32	MIM001	5223	08770D	D1158	0001	2320014559593	11330	1	S	0000	00000	1
PMS33	MIM001	5223	08770A	D1158	0001	2320011077155	11330	1	S	0000	00000	1
VL052	MIM007	03103	08770A	D1158	01	2920009092483	94221	2	M	3103	00000	1
A3S50	MIM004	4207	08770A	D1158	552200	2320011077155	21400	2	M	4207	00000	1
A3S49	MIM004	4207	08770A	D1158	552674	2320011077155	21400	2	M	4207	00000	1
A3S51	MIM004	4207	08770A	D1158	552783	2320011077155	21400	2	M	4207	00000	1
A3S52	MIM004	4207	08770A	D1158	552969	2320011077155	21400	2	M	4207	00000	1
A3S53	MIM004	4208	08771A	D1158	555395	2320011077156	21400	2	M	4208	00000	1
H1084	MIM007	4207	08770D	D1158	603543	2320014559593	94116	2	X	0000	00000	1
AD450	MIM002	5068	08770D	D1158	0000A	2320014559593	12170	2	N	0000	00000	1
AN771	MIM003	5187	08770D	D1158	002	2320014559593	21800	1	S	0000	00000	1
M7524	MIM008	5083	08770A	D1158	0005596	2320011077155	MFAH7	3	N	0000	00000	1
GQB31	MIM007	3055	08770A	D1158	001	2320011077155	94225	4	M	3055	00000	1
GQA75	MIM007	3049	08770A	D1158	001	2920009092483	94225	4	M	3049	00000	1
LQF04	MIM007	3117	08770A	D1158	001	2320011077155	94225	4	M	3117	00000	1
GQD21	MIM007	3067	08770A	D1158	001	2920009092483	94141	4	M	3067	00000	1
GQD20	MIM007	3067	08770A	D1158	001	2920009092483	94141	4	M	3067	00000	1
GQF05	MIM007	3117	08770A	D1158	001	2320011077155	94225	4	M	3117	00000	1
GQD19	MIM007	3067	08770A	D1158	002	2920009092483	94141	4	M	3067	00000	1

RECONCILIATION SUMMARY PROJECT
Historical Data ~ How does this happen?

No quantities inducted?:

ERO	RAC	DRIS	ID NO	TAMCN	SERIAL #	NSN	OWNER UAC	ECH	CatCode	DCD	DATE_CLOSED	QTY
AA017	MIM001	03007		D1158		2320014559593	94400	2	N	000	00000	0
VV839	MIM007	04279		D1158		2320011077155	94824	2	N	000	00000	0
SWZ06	MIM007	04088		D1158			94316	2	N	000	00000	0
SWZ05	MIM007	04088		D1158			94316	2	N	000	00000	0
SWZ04	MIM007	04088		D1158			94316	2	N	000	00000	0
HFQ99	MIM007	03212		D1158		2320014559593	94228	2	N	000	00000	0
N8612	MIM007	03069		D1158		2320011077156	94444	3	N	000	00000	0
IAA55	MIM004	04140		D1158		2320014559593	22320	2	N	000	00000	0
AQV05	MIM004	03036		D1158		2320011077155	14330	2	N	000	00000	0
AQV02	MIM004	03036		D1158		2320011077156	14330	2	N	000	00000	0
XRM05	MIM007	05080		D1158		2320011077155	94224	2	N	000	00000	0
VV829	MIM007	04337		D1158		2320011077155	94824	2	N	000	00000	0
BFO98	MIM007	04312		D1158		2320014559593	94319	3	N	000	00000	0
BFO80	MIM007	04300		D1158		2320011077155	94319	3	N	000	00000	0
VV830	MIM007	04269		D1158		2320011077155	94824	2	N	000	00000	0
VV828	MIM007	04269		D1158		2320011077155	94824	2	N	000	00000	0
VV827	MIM007	04269		D1158		2320011077155	94824	2	N	000	00000	0
JAI64	MIM004	02136		D1158		2320011077155	29070	2	N	000	00000	0
KAC22	MIM003	05129		D1158		2320014559593	29024	3	N	000	00000	0
NSK32	MIM003	05223		D1158		2320011077156	29026	3	N	000	00000	0
AY249	MIM003	04125		D1158		2320011077156	13001	2	N	000	00000	0
YP454	MIM003	03279		D1158		2320011077155	29040	2	N	000	00000	0
XHA06	MIM003	03045		D1158		2520014890849	29021	2	N	000	00000	0
ZID37	MIM002	05027		D1158		2320011077155	99401	2	N	000	00000	0

How We Can Fix It!

- Direct analysis of all data
- Document findings & develop COA's
- Upon approval, initiate corrective action to historical data
- Develop reconciliation alert notification process (email)
- Define the role of the LDR
- Establish clear communication channels

- Provide concurrence or non-concurrence with recommended COA's
- Assist in investigation process
- Establish the LCMI database as the official authoritative source for the historical legacy systems data
- Provide points of contact for research and approving authority

RECONCILIATION SUMMARY PROJECT

- Recommend MRIPT approve project